

**NONPROVISIONAL PATENT
APPLICATION TRANSMITTAL RULE §1.53(b)
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Customer Number 32294

SQUIRE, SANDERS & DEMPSEY LLP

14TH Floor

8000 Towers Crescent Drive

Tysons Corner, Virginia 22182-2700

Telephone: 703-720-7800

Fax: 703-720-7802

Docket No.: 60626.00010

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Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

MAILSTOP PATENT APPLICATION

Sir:

Transmitted herewith for filing under 37 C.F.R. §1.53(b) is a nonprovisional patent application:

For (Title): A METHOD AND AN APPARATUS FOR ESTIMATING AN
AMOUNT OF DRAWN AIR OF A CYLINDER OF AN
INTERNAL-COMBUSTION ENGINE AND A METHOD AND
AN APPARATUS FOR CONTROLLING THE AMOUNT

By (Inventors): Yuji YASUI (Wako-shi, Japan); Yosuke ISHIKAWA (Wako-shi,
Japan); Takahide MIZUNO (Wako-shi, Japan); and Michihiko
MATSUMOTO (Tokyo, Japan)

- ☒ 41 pages of Specification/Claims 1-28/Abstract are attached.
- ☒ Formal drawings (Figs. 1-16; 16 sheets) are attached.
- ☐ A Declaration and Power of Attorney is attached.
- ☐ An assignment of the invention to _____ is attached, along with Form PTO-1595 and a check for \$40.00.
- ☒ An Information Disclosure Statement is attached, along with Form PTO-1449, and 1 reference(s).
- ☒ Priority of foreign application No. 2002-320362 filed November 1, 2002 in Japan is claimed under 35 U.S.C. §119.
- ☐ Priority of U.S. Provisional Application(s) No. _____ filed _____ is claimed under 35 U.S.C. §119(e).
- ☒ A certified copy of the above corresponding foreign application is attached.

The filing fee is calculated below and includes claim status after entry of any Preliminary Amendment noted above:

| | | | SMALL ENTITY | | | LARGE ENTITY | |
|--|--------------|-----------|-----------------|--------|----|--------------|--------|
| FOR: | NO. FILED | NO. EXTRA | RATE | FEE | OR | RATE | FEE |
| BASIC FEE | | | | \$ 385 | OR | | \$ 770 |
| TOTAL CLAIMS | 28 - 20 | = 8 | x 9 = | | OR | x 18 | \$144 |
| INDEP CLAIMS | 12 - 3 | = 9 | x 43 = | | OR | x 86 | \$774 |
| <input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS | | | +145 = | | OR | +290 | |
| | | | TOTAL | | OR | TOTAL | 1,688 |

☒ A check for the filing fee is not enclosed at this time.

Respectfully submitted,


Douglas H. Goldhush
Registration No. 33,125

DHG/scc